

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Kassab et al.  
Appl. No. : 10/782,149  
Filed : February 19, 2004  
For : SYSTEM AND METHOD FOR  
MEASURING CROSS-  
SECTIONAL AREAS AND  
PRESSURE GRADIENTS IN  
LUMINAL ORGANS  
Examiner : Kristin D. Rogers  
Group Art Unit : 3736

**AMENDMENT IN RESPONSE TO OFFICE ACTION DATED JANUARY 31, 2007**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated January 31, 2007, please reconsider the above-identified application in view of the following:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.